

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Aaron Schwartz on Sept. 25, 2008.

The application has been amended as follows:

In the claims

Cancelled claims 4 and 7-10.

Claims 26-37 were added as follows:

Claim 26 (new). An isolated nucleic acid wherein said nucleic acid encodes the protein according to claim 1.

Claim 27 (new). The nucleic acid of claim 26, wherein the nucleic acid is cDNA.

Claim 28 (new). An isolated recombinant DNA molecule comprising the nucleic acid according to claim 26 under the control of a functionally linked promoter.

Claim 29 (new). An isolated recombinant DNA molecule comprising the cDNA according to claim 27 under the control of a functionally linked promoter.

Claim 30 (new). An isolated live recombinant carrier comprising the isolated nucleic acid of claim 26.

Claim 31 (new). An isolated live recombinant carrier comprising the isolated nucleic acid of claim 27.

Claim 32 (new). An isolated live recombinant carrier comprising the isolated recombinant DNA molecule of claim 28.

Claim 33 (new). An isolated live recombinant carrier comprising the isolated recombinant DNA molecule of claim 29.

Claim 34 (new). An isolated host cell comprising the isolated nucleic acid of claim 26.

Claim 35 (new). An isolated host cell comprising the isolated nucleic acid of claim 27.

Claim 36 (new). An isolated host cell comprising the isolated recombinant DNA molecule of claim 28.

Claim 37 (new). An isolated host cell comprising the isolated recombinant DNA molecule of claim 29.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to OLUWATOSIN OGUNBIYI whose telephone number is (571)272-9939. The examiner can normally be reached on M-F 7am-4pm.

If attempts to reach the examiner by telephone are unsuccessful, either of the examiner's supervisors Shanon Foley (571-272-0898) or Robert Mondesi (571-272-0956) can be contacted. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Oluwatosin Ogunbiyi
Examiner, Art Unit 1645

/Patricia A. Duffy/
Primary Examiner, Art Unit 1645